

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
 Data File : BF111864.D
 Acq On : 5 Jan 2019 00:08
 Operator : JU/SJ
 Sample : K1036-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 05 00:43:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

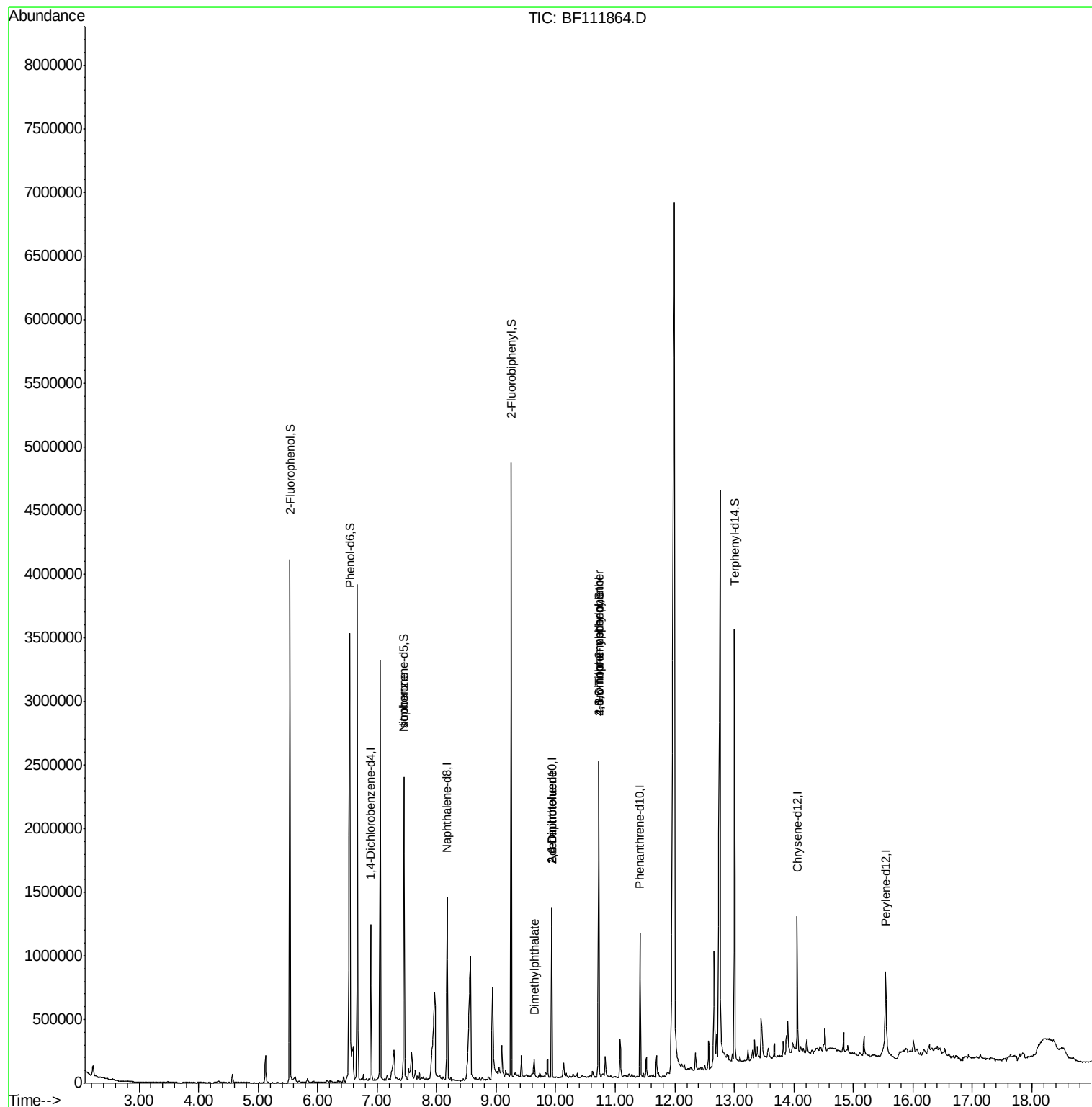
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	163456	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	586880	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	258557	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	380289	20.00	ng	0.00
76) Chrysene-d12	14.06	240	355714	20.00	ng	0.00
87) Perylene-d12	15.54	264	288068	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1061914	110.74	ng	0.02
7) Phenol-d6	6.54	99	1203691	98.63	ng	0.02
23) Nitrobenzene-d5	7.45	82	772424	76.61	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	291556	95.43	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1413602	79.69	ng	0.00
79) Terphenyl-d14	13.00	244	1100434	58.67	ng	0.00
Target Compounds						
25) Isophorone	7.45	82	766956	42.848	ng	# 64
50) Dimethylphthalate	9.64	163	40977	2.167	ng	# 97
51) 2,6-Dinitrotoluene	9.93	165	33152	8.793	ng	# 29
57) 2,4-Dinitrotoluene	9.93	165	33152	7.316	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.72	198	627	7.036	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	17839	3.782	ng	# 1

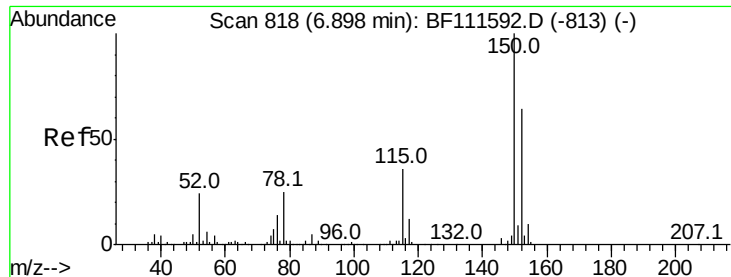
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010419\
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jan 05 00:43:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



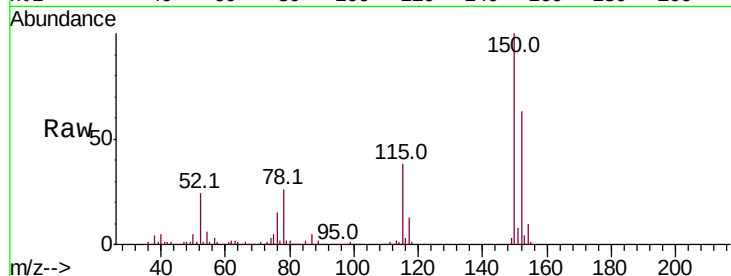


#1

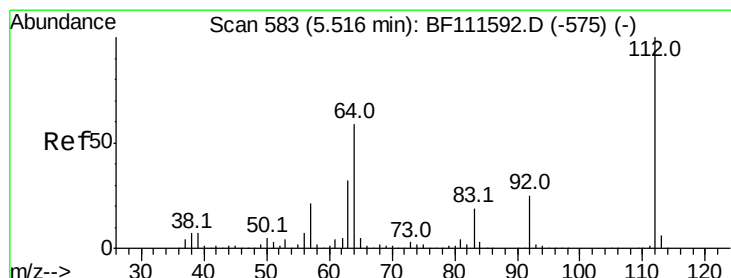
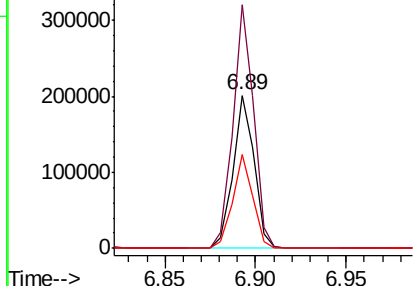
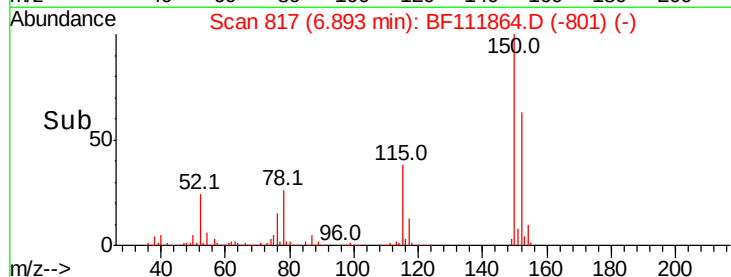
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF111864.D
Acq: 5 Jan 2019 00:08

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 163456
Ion Ratio Lower Upper
152 100
150 158.8 126.6 189.8
115 60.8 50.7 76.1



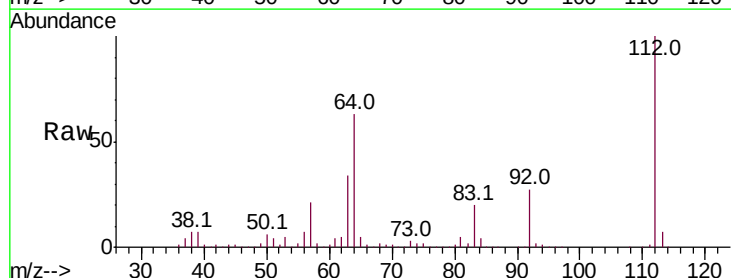
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



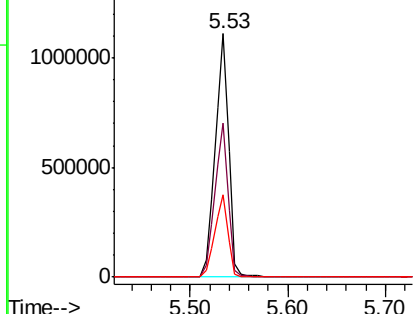
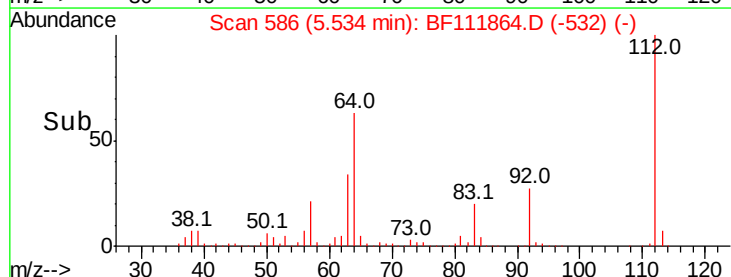
#5

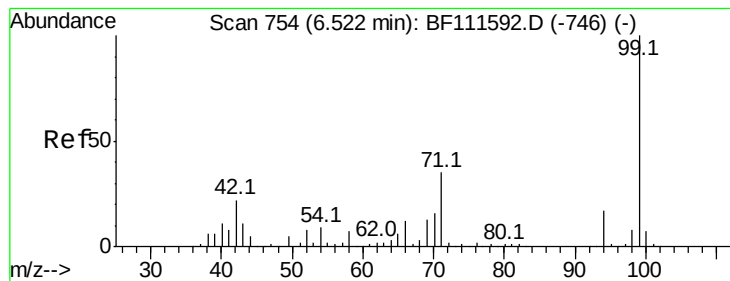
2-Fluorophenol
Concen: 110.737 ng
RT: 5.53 min Scan# 586
Delta R.T. 0.02 min
Lab File: BF111864.D
Acq: 5 Jan 2019 00:08

Tgt Ion:112 Resp: 1061914
Ion Ratio Lower Upper
112 100
64 63.1 51.8 77.6
63 33.9 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 98.630 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111864.D

Acq: 5 Jan 2019 00:08

Instrument :

BNA_G

ClientSampled :

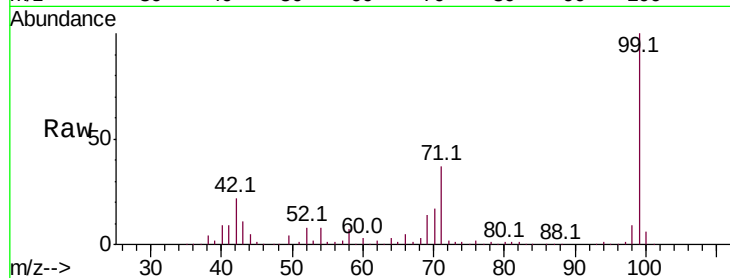
Tot Ion: 99 Resp: 1203691

Ion Ratio Lower Upper

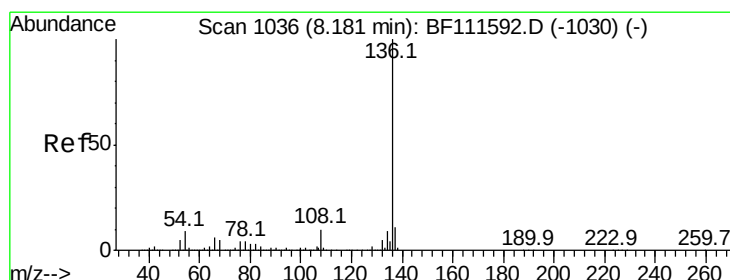
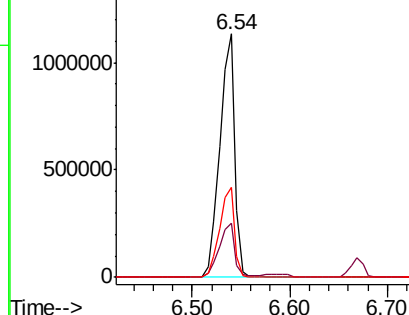
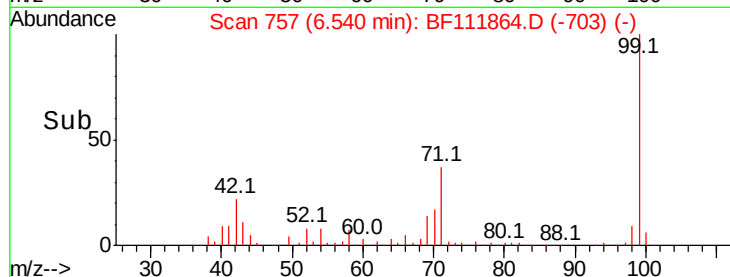
99 100

42 22.2 17.4 26.0

71 37.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111864.D

Acq: 5 Jan 2019 00:08

Tgt Ion: 136 Resp: 586880

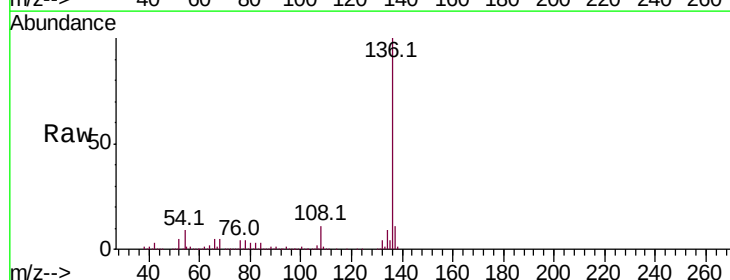
Ion Ratio Lower Upper

136 100

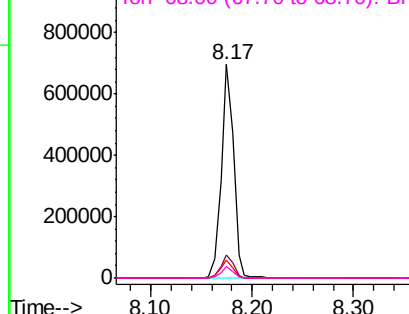
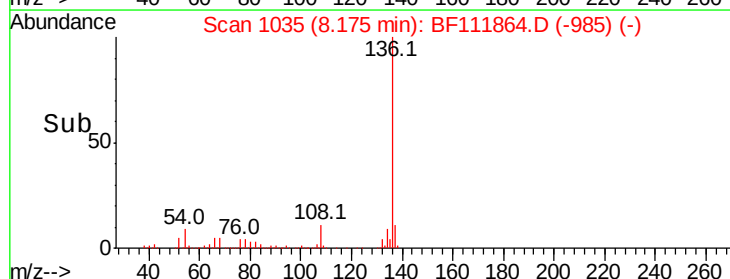
137 11.1 9.1 13.7

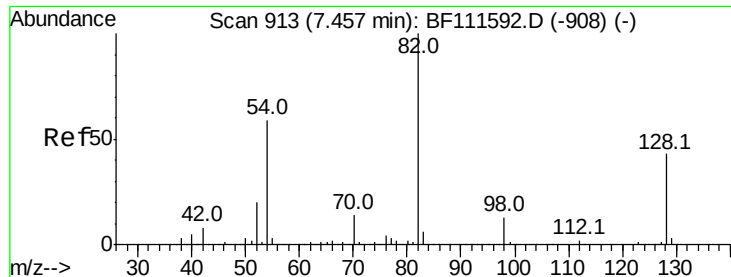
54 8.7 7.7 11.5

68 5.3 4.9 7.3



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

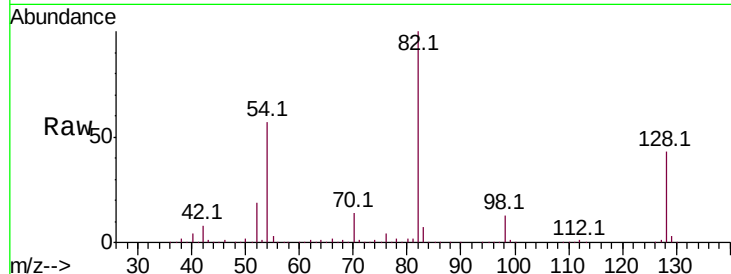




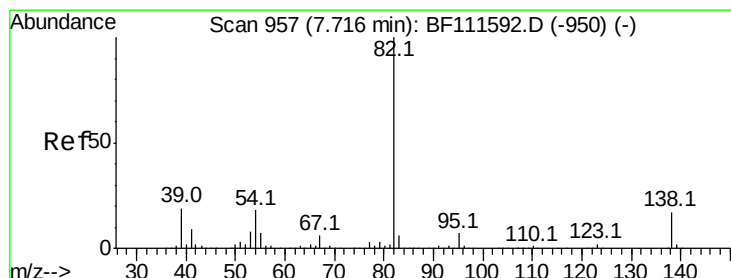
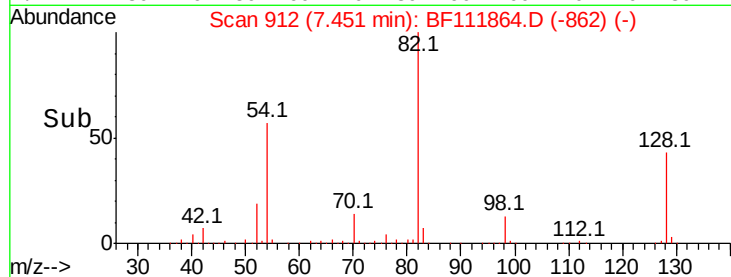
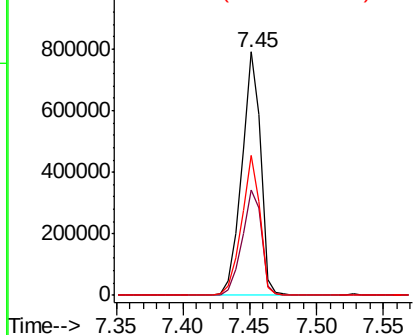
#23
Nitrobenzene-d5
Concen: 76.610 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF111864.D
Acq: 5 Jan 2019 00:08

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 772424
Ion Ratio Lower Upper
82 100
128 43.1 37.4 56.2
54 57.2 47.6 71.4

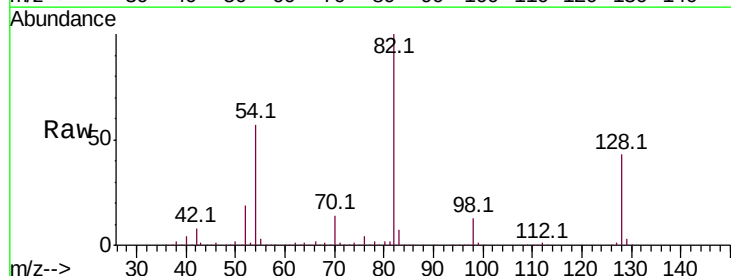


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

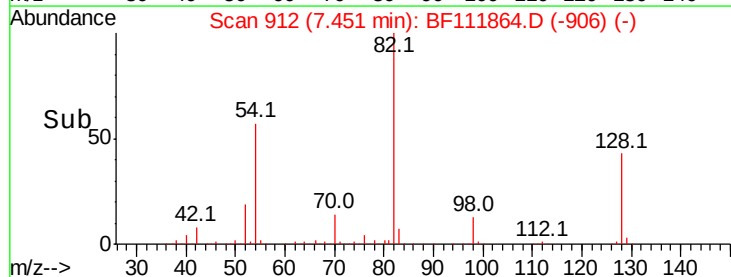
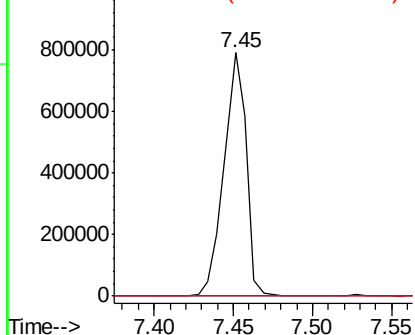


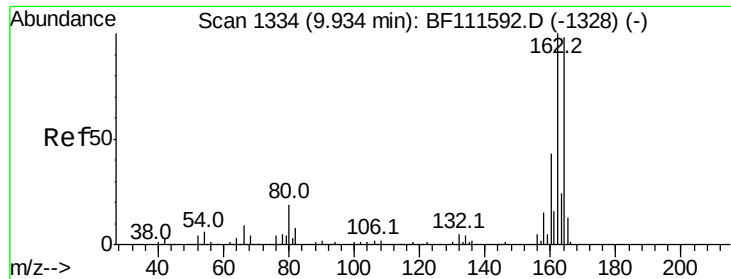
#25
Isophorone
Concen: 42.848 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.26 min
Lab File: BF111864.D
Acq: 5 Jan 2019 00:08

Tgt Ion: 82 Resp: 766956
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

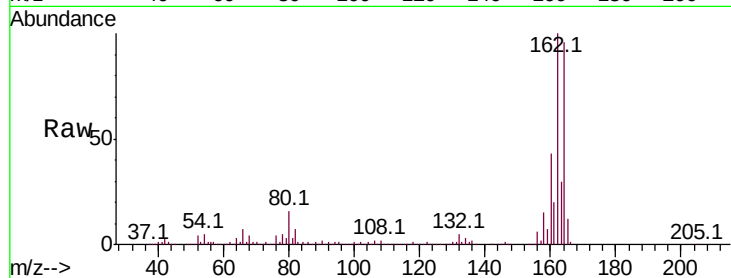




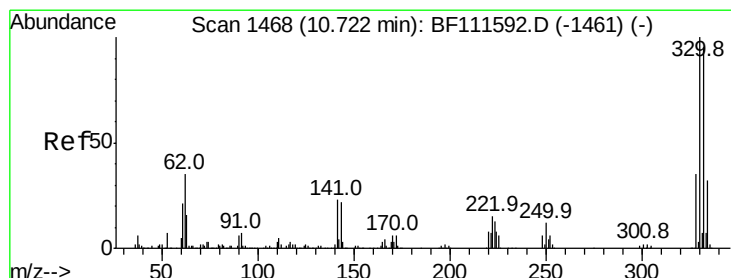
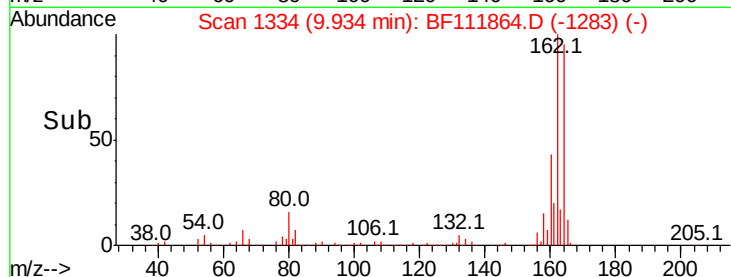
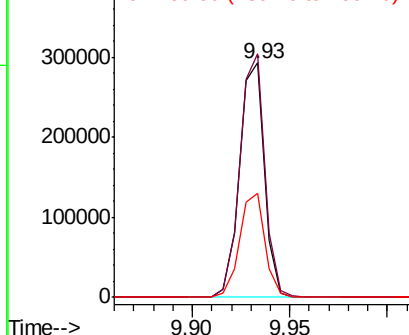
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF111864.D
 Acq: 5 Jan 2019 00:08

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 258557
 Ion Ratio Lower Upper
 164 100
 162 103.9 81.4 122.0
 160 44.3 35.7 53.5

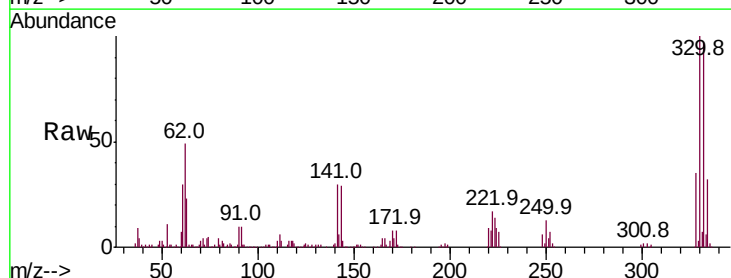


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

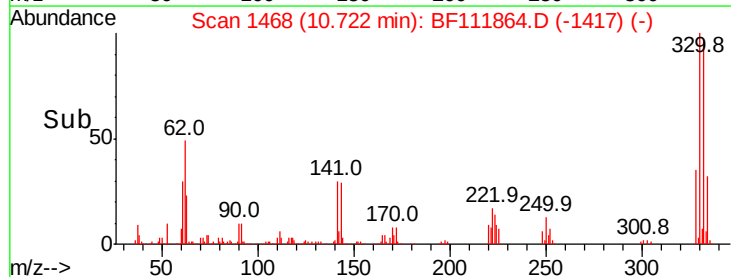
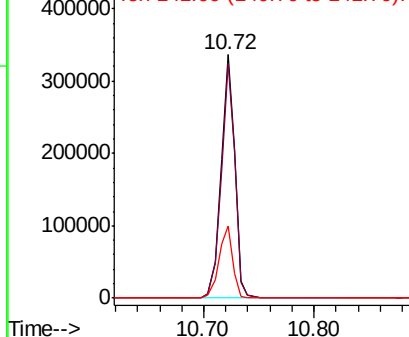


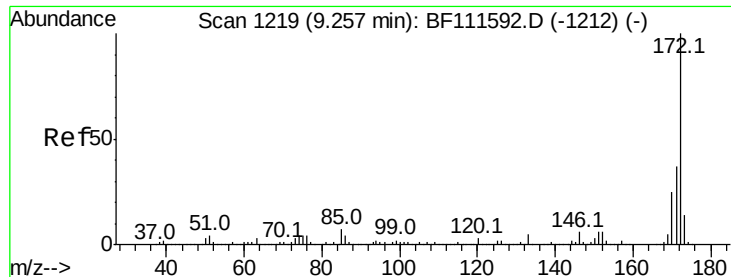
#42
 2,4,6-Tribromophenol
 Concen: 95.434 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.00 min
 Lab File: BF111864.D
 Acq: 5 Jan 2019 00:08

Tgt Ion:330 Resp: 291556
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.0 114.0
 141 30.0 31.0 46.6#



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



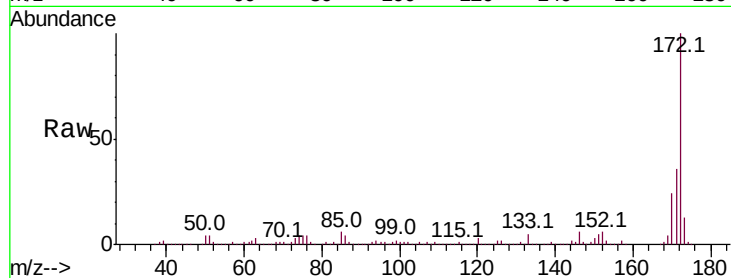


#45
2-Fluorobiphenyl
Concen: 79.690 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF111864.D
Acq: 5 Jan 2019 00:08

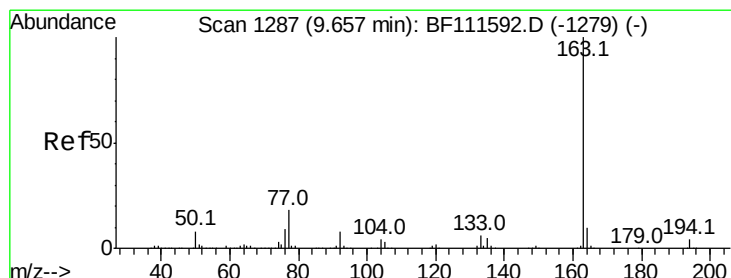
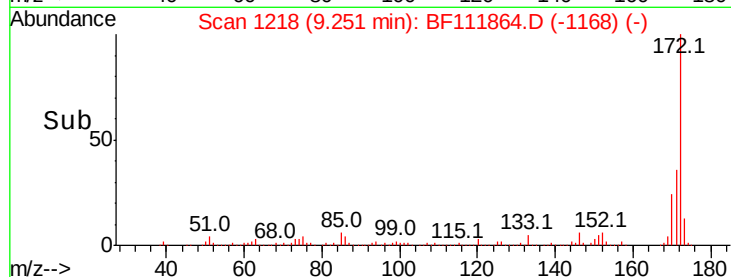
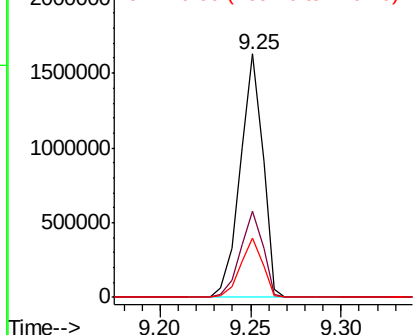
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 1413602

Ion	Ratio	Lower	Upper
172	100		
171	35.6	33.0	49.4
170	24.2	22.3	33.5



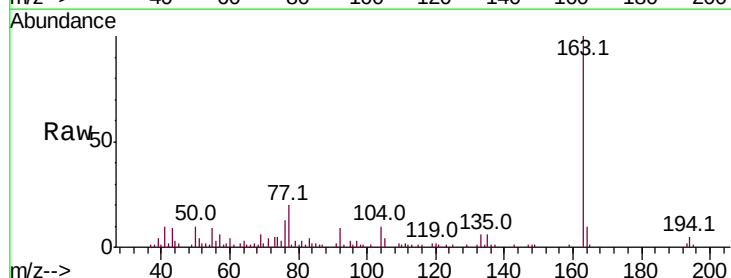
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



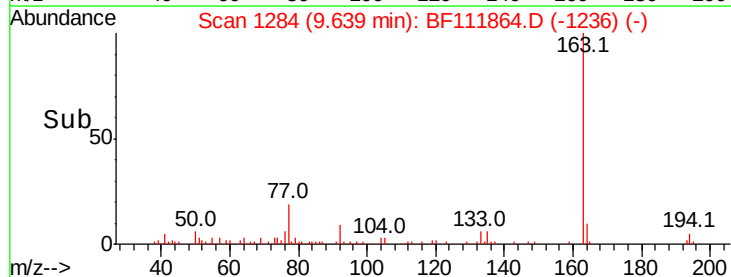
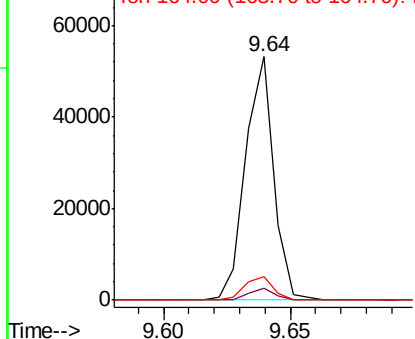
#50
Dimethylphthalate
Concen: 2.167 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF111864.D
Acq: 5 Jan 2019 00:08

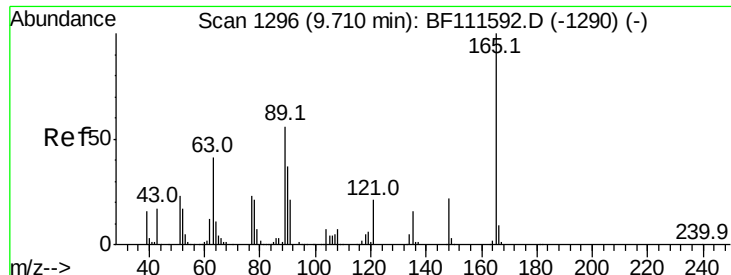
Tgt Ion:163 Resp: 40977

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.0	4.6#
164	9.8	8.9	13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.793 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.22 min

Lab File: BF111864.D

Acq: 5 Jan 2019 00:08

Instrument :

BNA_G

ClientSampled :

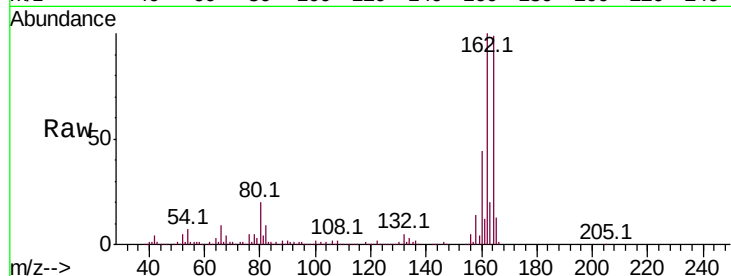
Tot Ion:165 Resp: 33152

Ion Ratio Lower Upper

165 100

63 1.6 40.5 60.7#

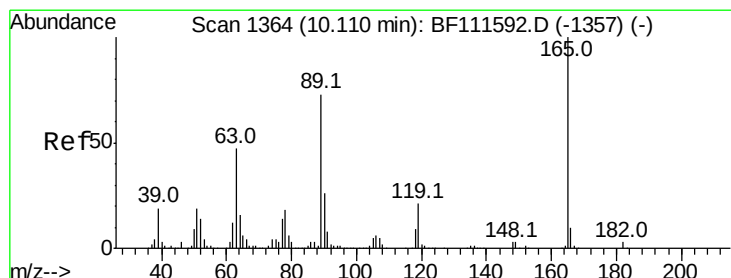
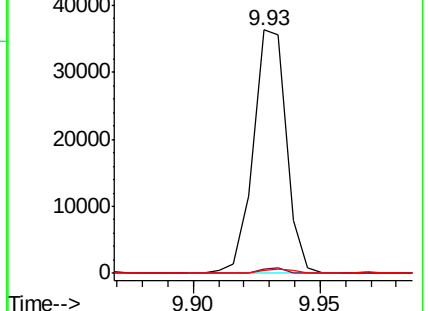
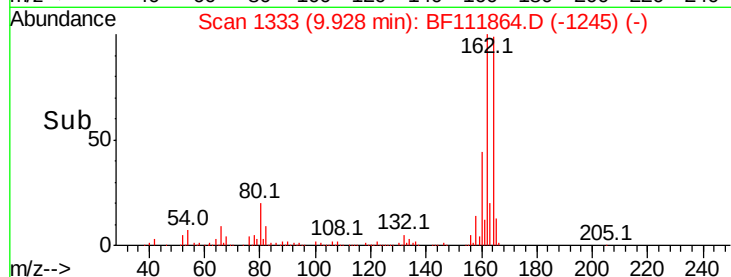
89 1.0 40.0 60.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 7.316 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.18 min

Lab File: BF111864.D

Acq: 5 Jan 2019 00:08

Tgt Ion:165 Resp: 33152

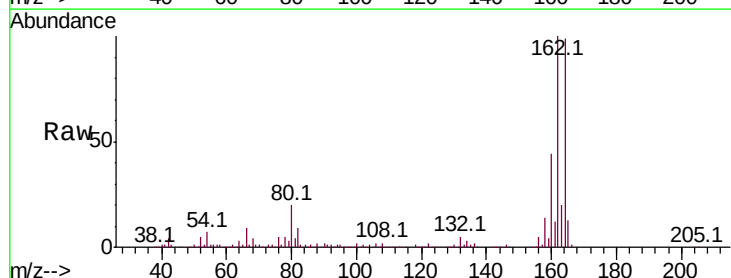
Ion Ratio Lower Upper

165 100

63 1.6 34.6 52.0#

89 1.0 56.2 84.4#

182 0.0 1.8 2.6#

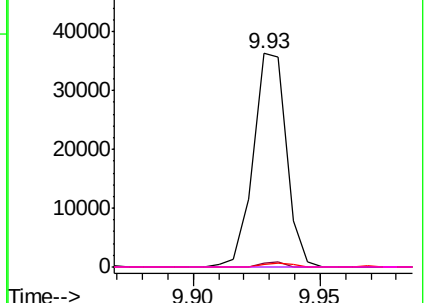
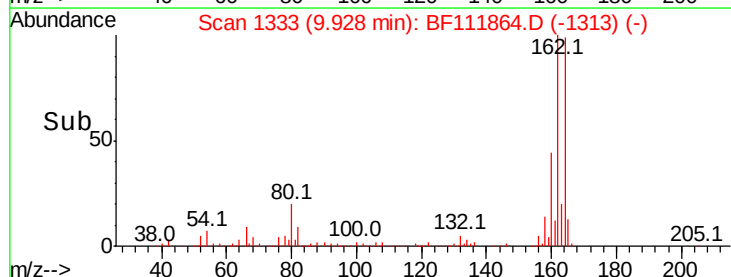


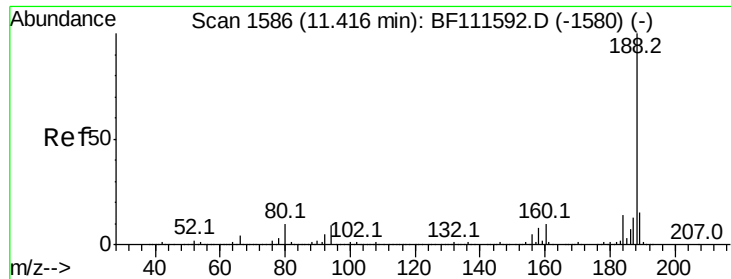
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

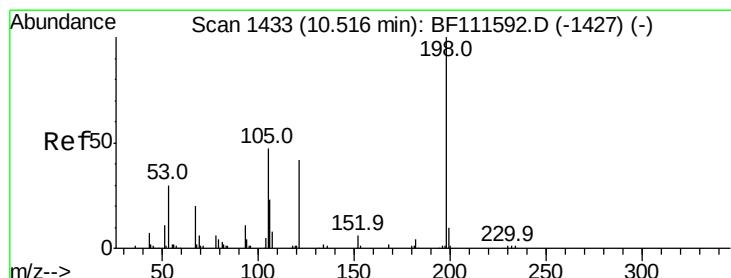
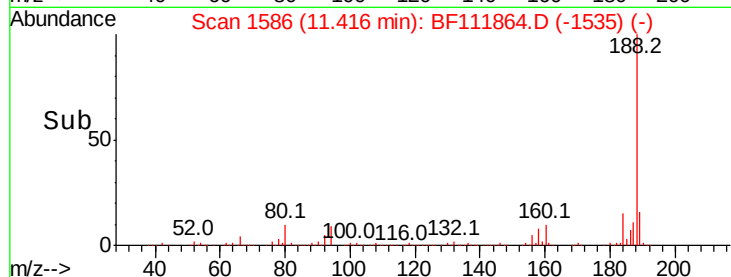
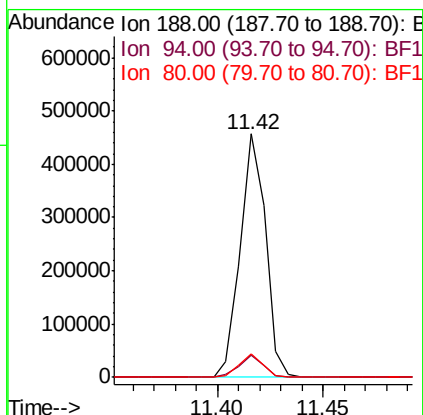
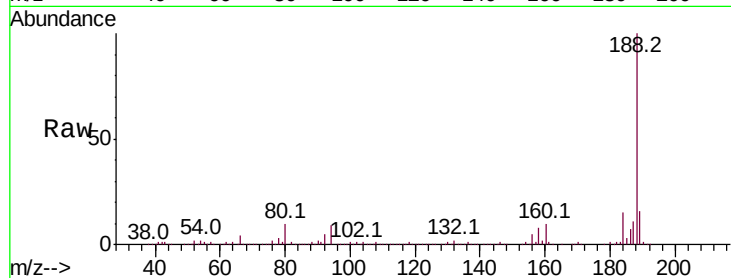




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: BF111864.D
 Acq: 5 Jan 2019 00:08

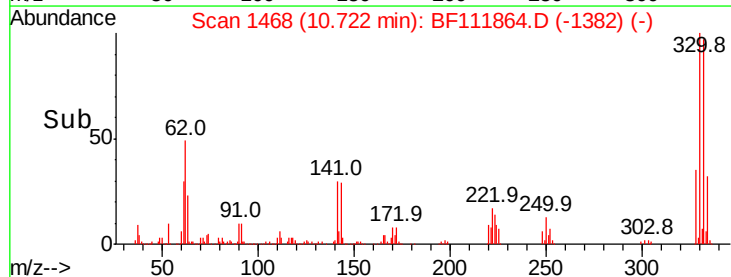
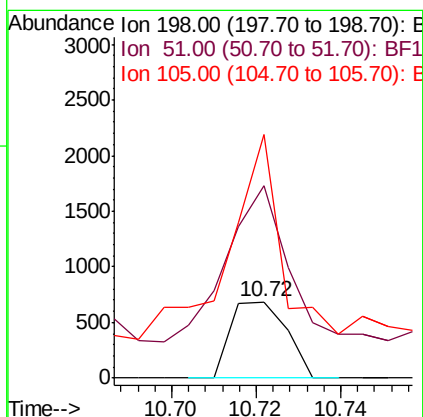
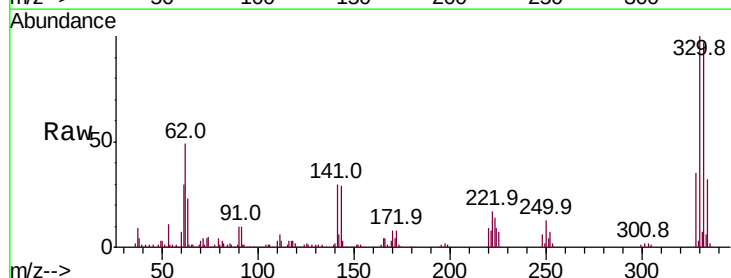
Instrument :
 BNA_G
 ClientSampleId :

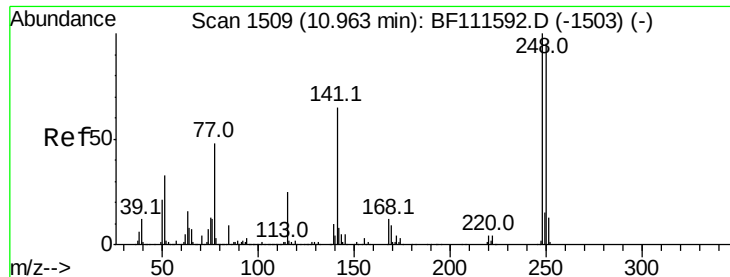
Tot Ion:188 Resp: 380289
 Ion Ratio Lower Upper
 188 100
 94 9.3 9.6 14.4#
 80 9.8 9.8 14.6



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.036 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.21 min
 Lab File: BF111864.D
 Acq: 5 Jan 2019 00:08

Tgt Ion:198 Resp: 627
 Ion Ratio Lower Upper
 198 100
 51 253.0 48.0 88.0#
 105 319.6 34.0 74.0#

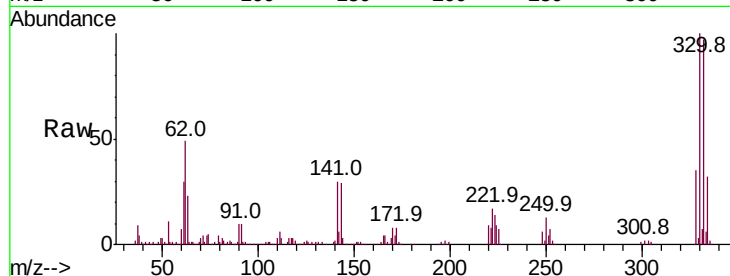




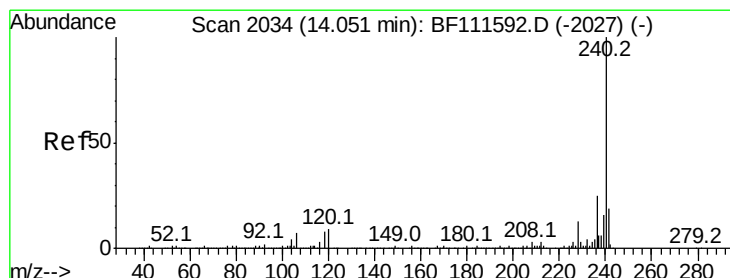
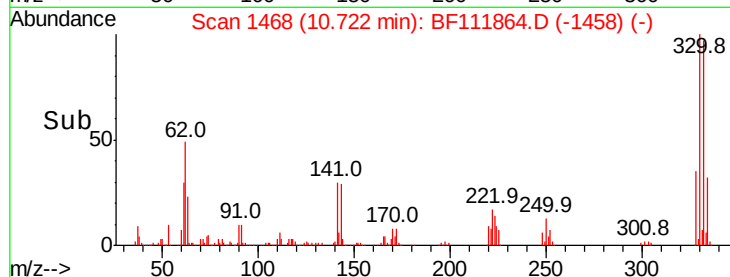
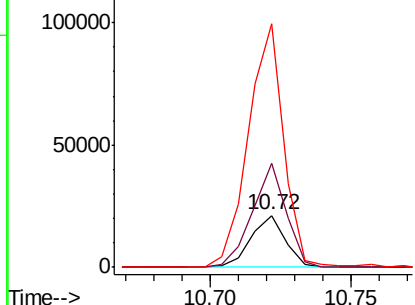
#67
4-Bromophenyl-phenylether
Concen: 3.782 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.24 min
Lab File: BF111864.D
Acq: 5 Jan 2019 00:08

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 17839
Ion Ratio Lower Upper
248 100
250 200.8 77.0 115.4#
141 471.9 63.0 94.6#

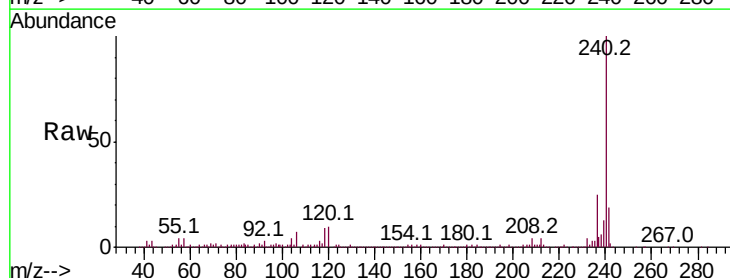


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

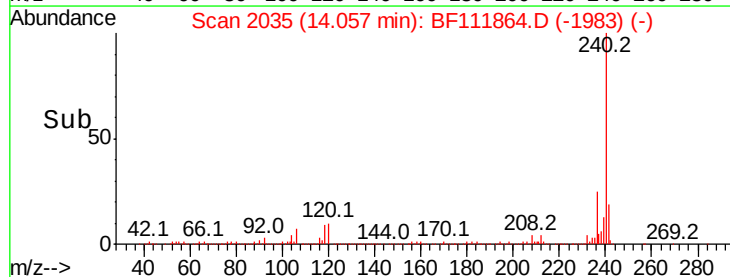
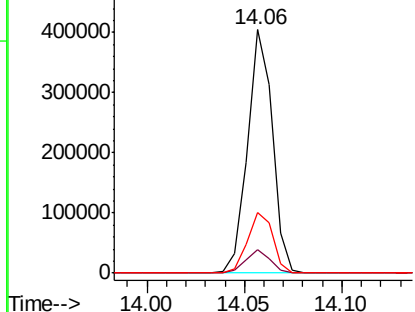


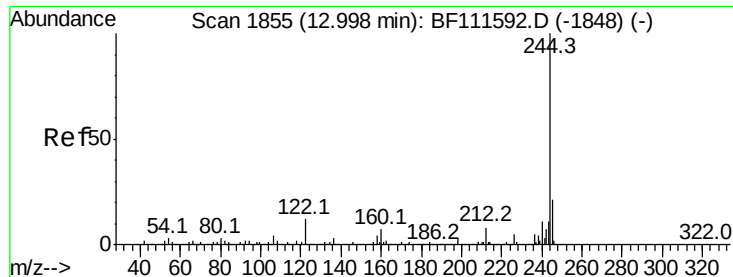
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111864.D
Acq: 5 Jan 2019 00:08

Tgt Ion:240 Resp: 355714
Ion Ratio Lower Upper
240 100
120 9.7 12.2 18.2#
236 24.9 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.667 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111864.D

Acq: 5 Jan 2019 00:08

Instrument :

BNA_G

ClientSampleId :

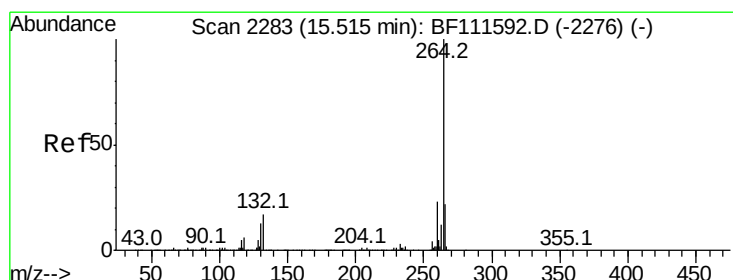
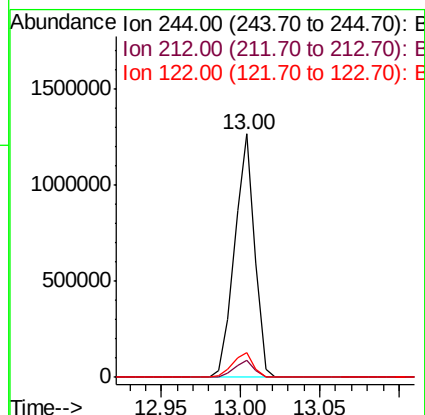
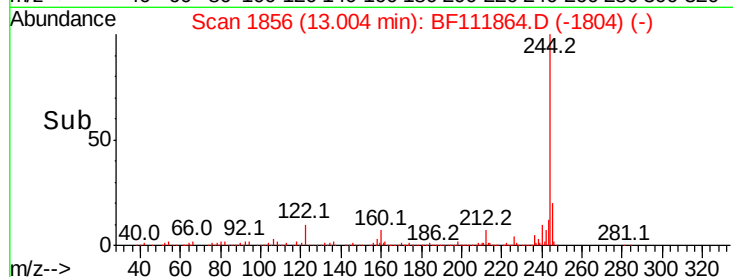
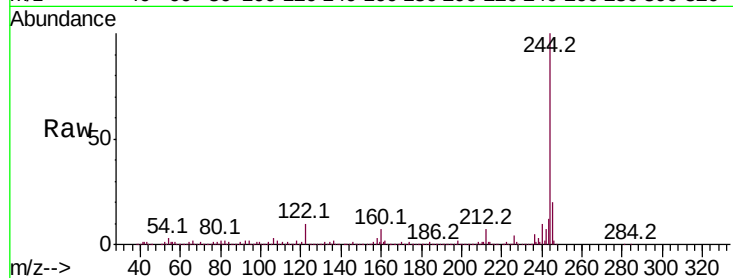
Tot Ion:244 Resp: 1100434

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 10.3 13.1 19.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.03 min

Lab File: BF111864.D

Acq: 5 Jan 2019 00:08

Tgt Ion:264 Resp: 288068

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 20.4 17.7 26.5

